

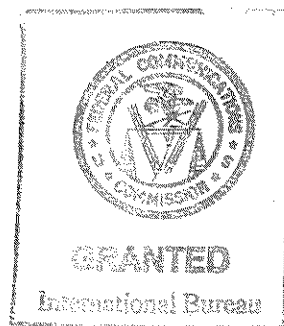
Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA Request for New 11.1m C-band Earth Station at Nuevo, CA. for LEOP Services for Star One C1 Satellite Launch

I. Applicant

Name:	PanAmSat Licensee Corp.	Phone Number:	202-944-7848
DBA Name:		Fax Number:	202-944-7870
Street:	c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H Crandall		



File # SES-STA-20071029-01475
Call Sign _____ Grant Date 11/8/07
(or other identifier)
From 11/9/07 Term Dates To 12/8/07
Applicant J. Spriggs

2. Contact	
Name: PanAmSat Licensee Corp.	Phone Number: 202-944-7848
Company:	Fax Number: 202-944-7870
Street: c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail: susan.crandall@intelsat.com
City: Washington	State: DC
Country: USA	Zipcode: 20008 -3006
Attention: Susan H Crandall	Relationship: Legal Counsel
(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)	
3. Reference File Number or Submission ID	
4a. Is a fee submitted with this application?	
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).	
<input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee	
<input type="radio"/> Other (please explain):	
4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other	
6. Requested Use Prior Date 11/09/2007	
7. CityNuevo	8. Latitude (dd mm ss.s h) 33 47 40.0 N

9. State CA	10. Longitude (dd mm ss.s h) 117 5 5.4 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Exhibit A Attachment 3: Exhibits B-D	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) <div style="border: 1px solid black; padding: 5px; margin: 5px 0;">PanAmSat Licensee Corp. herein requests a grant of STA for 30 days, from 11/09/2007 through 12/08/2007, to utilize a new 11.1 meter C-band earth station to be located at its Nuevo (Riverside), CA teleport to provide LEOP services for the Star One C1 satellite that is expected to be launched on 11/09/2007.</div>	
13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Susan H. Crandall	15. Title of Person Signing Asst. Gen. Counsel, Intelsat Corporation
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).	

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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104–13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

October 29, 2007

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554



Re: Request for Special Temporary Authority
Riverside, California 11.1 Meter Earth Station

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days, from November 9, 2007 through December 8, 2007, to use a new 11.1 meter C-band earth station located in Riverside, California to provide launch and early orbit phase ("LEOP") services for the Star One C1 satellite that is expected to be launched on November 9, 2007.² The LEOP period is expected to last approximately 10 days.³

The Star One C1 LEOP operations will be performed in the following frequency bands: 6424.5 MHz (uplink), and 4199.0 MHz and 4199.9 MHz (downlink). The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.⁴ All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24X7 contact information for the Star One C1 LEOP mission is as follows:

Harry Burnham or Mike Munion
Ph.: (202) 944-7753 (primary)
(202) 944-7701 (back-up)

In further support of this request, PanAmSat is attaching Exhibits A through D, which contain a waiver request, as well as technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any

¹ PanAmSat has filed its STA request, an FCC Form 159, a \$170.00 filing fee and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

² The permanent orbital location for Star One C1 is 65° W.L.

³ PanAmSat is seeking authority through December 8, 2007 to accommodate a possible launch delay.

⁴ Thales, the manufacturer of Star One C1, is coordinating the LEOP mission.

Ms. Marlene H. Dortch
October 29, 2007
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lawfully operating terrestrial facility. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, PanAmSat will take all reasonable steps to eliminate the interference.

PanAmSat also notes that for purposes of the Star One C1 LEO mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 26.5 dBW. The technical information submitted with the STA request reflects a higher power level of 33 dBW because that is the level at which PanAmSat might operate in the event an emergency necessitates the use of a higher power level in order to command the satellite.

Grant of this STA request will allow PanAmSat to help launch the Star One C1 satellite to the 65° W.L. location. This, in turn, will help ensure continuity of existing services at that location, and thereby promote the public interest.

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

Cc: Scott Kotler

Exhibit A

SECTIONS 25.137 AND 25.114

The legal and technical qualifications of the Star One C1 satellite have already been approved by the Commission and are included herein by reference. Specifically, the legal information requested in Section 25.137 and the technical information requested in Section 25.114, including the Schedule S information, for the Star One C1 satellite can be found in *Star One S.A. Petition for Declaratory Ruling to Include the Star One C1 Satellite at 65° W.L. on the Permitted Space Station List*, File Nos. SAT-PPL-20050706-00143, SAT-AMMD-20050714-00147, and SAT-AMMD-20051118-00222 (stamp grant issued Mar. 29, 2006, with conditions).

To the extent necessary, however, PanAmSat respectfully requests a waiver of the need to provide additional technical information under Section 25.114 of the Commission's rules for its proposed LEOP service.¹ The Commission may grant a waiver for good cause shown.² The Commission typically grants a waiver where the particular facts make strict compliance inconsistent with the public interest.³ In granting a waiver, the Commission may take into account considerations of hardship, equity, or more effective implementation of overall policy on an individual basis.⁴ Waiver is therefore appropriate if special circumstances warrant a deviation from the general rule, and such a deviation will serve the public interest.

In this case, good cause exists for a waiver of Section 25.114. PanAmSat has provided in this STA request the technical information that is relevant to the LEOP services for which PanAmSat seeks authorization. The remainder of the information sought by Section 25.114 is not required to determine potential harmful interference because PanAmSat will perform the LEOP services on a non-interference basis. Nor is it required to protect adjacent satellites because LEOP service involves communications *prior* to the satellite attaining its final location in the geostationary orbit. In other words, during the LEOP mission, the earth station will not be communicating with a satellite permanently located in the geostationary orbit. Rather, it will be transmitting to a satellite traveling on its "transfer orbit" or "LEOP path", which starts immediately following its separation from a launch vehicle, and ends when the satellite reaches its geostationary orbital location. In the special circumstance of LEOP services, waiver of the need to provide additional technical information under Section 25.114 serves the public interest.

¹ 47 C.F.R. § 25.114.

² 47 C.F.R. §1.3.

³ *N.E. Cellular Tel. Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) ("Northeast Cellular").

⁴ *WALT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969); *Northeast Cellular*, 897 F.2d at 1166.